

SanPlastGrip

BASE PANEL

The core plywood is a full-birch panel, composed (unless specific demand) with a cross-grain veneer layup. The grade of the outer veneers is suitable for film application. Also interior veneers are sorted with specific criteria to make the product suitable for the film application and to obtain a uniform and nice outlooking.

The veneer surface might contain wood plugs or putty reparations on the surface but this is not visible after film application. San Giorgio is able to produce a wide range of sizes, following specific customer needs. The target is always to avoid dimensional scraps. Every size is possible until 1850 x 4000 mm. Even bigger dimension are possible upon request.

OVERLAY

SanPlastGrip has an anti-slip “rise-dot” structure on the surface. The anti-slip side is coated with a special plastic-based overlay with 820gr/m² weight. The overlay is made with antiUV-additives to make it more resistant against the sunlight.

Backside is normally RAW, but, if needed a smooth brown phenolic film can be applied to the reverse side to balance the stability of the panel and to protect from water penetration etc.

ANTI-SLIP PROPRIETIES

SanPlastGrip panels Anti-slip Class in accordance with DIN 51130 R 12

Test is performed on unused and clean panels. Results might be different after use. Due to small changes in film resin impregnation and weather conditions there might be slight variations of anti-slip class in different deliveries.

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THICKNESSES TOLERANCE

The thickness tolerances of San Giorgio are slightly different compared to European standard EN 315 For specific customer needs San Giorgio tolerances can be reduced upon request.

NOMINAL THICKNESS	NUMBER OF VENEER PLIES	THICKNESS TOLERANCE (EN 315)		THICKNESS TOLERANCE (SAN GIORGIO)*		WEIGHT **
		min. [mm]	Max. [mm]	min. [mm]	max. [mm]	
[mm]	[pcs]					[kg/m ²]
9	6	8.8	9.5	8.8	9.4	6.3
12	8	11.5	12.5	11.8	12.3	8.4
15	10	14.3	15.3	14.8	15.3	10.5
18	12	17.1	18.1	17.8	18.4	12.6
21	14	20.0	21.9	20.7	21.3	14.7

*. THICKNESS MIGHT SLIGHTLY CHANGE DEPENDING ON TRANSPORT AND STORAGE CONDITION. THE REPORTED VALUES ARE MEASURED IN SAN GIORGIO

** WEIGHT IS NOT ALWAYS CONSTANTLY BECAUSE PLYWOOD IT IS A NATURAL PRODUCT, SO, CONSIDER A -5% / +10% RANGE TO THE REPORTED VALUES

GOOD
TO
KNOW



ECO
FRIENDLY



ANTISLIP



EASY
CLEANING



HEAVY
LOADING



EASY
MACHINING



LOW VOC
EMISSION



SCRATCH
RESISTANT



WATER
RESISTANT

SIZE TOLERANCES

Measured in accordance with standard EN 324, the plywood size and squareness tolerances meet EN 315 requirements. For specific customer needs San Giorgio tolerances can be reduced upon request.

LENGTH / WIDTH	TOLERANCE
< 1000 mm	± 1 mm
1000 – 2000 mm	± 2 mm
> 2000 mm	± 3 mm
Squareness	± 0.1% or ± 1mm/m
Edge straightness	± 0.1% or ± 1mm/m

BONDING CLASSES

Veneers are bonded with a weather and boil-resistant phenolic resin adhesive (Exterior). And the external plastic-based foil is glued following class 2 standards of norm EN 314-2. Therefore the final product is suitable for being used in humid conditions

FORMALDEHYDE EMISSIONS

Determined according to EN 717-2 and 717-1 the formaldehyde emitted by San Giorgio panels falls far below the Class E1 and E05

The formaldehyde emission of San Giorgio's plywood with INT glue is in average 0,035 ppm and with EXT glue is in average 0,02 ppm therefore all San Giorgio Plywood meets the stricter parameters world wide as ULEF - TSCA title VI - CARB P2 Compliant